Nebraska

Science and Engineering Profile

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 1999[1]	2,670	518,670	38	Total R&D performance, 1999 (millions)	$417	$231,832	42
Doctoral engineers, 1999[1]	310	107,100	42	Industry R&D, 1999 (millions)	$178	$177,171	42
S&E doctorates awarded, 2000[1]	175	25,979	34	Academic R&D, 1999 (millions)	$205	$27,038	35
of which, in life sciences	43%	26%		of which, in life sciences	65%	57%	
in social sciences	21%	16%		in engineering	11%	15%	
in psychology	15%	14%		in environmental sciences	6%	6%	
S&E postdoctorates, 2000[1]				Public higher education current-fund			
in doctorate-granting institutions	210	41,548	32	expenditures, 1997 (millions)	$1,219	$125,236	35
S&E graduate students, 2000[1]				Number of SBIR awards, 1995-2000	36	26,424	46
in doctorate-granting institutions	2,867	435,612	37	Patents issued to state residents, 2000	230	85,068	40
Population, 2000 (thousands)	1,711	285,231	39	Gross state product, 1999 (billions)	$54	$9,369	38
Civilian labor force, 2000 (thousands)	924	142,172	37	of which, agriculture	5%	1%	
				manufacturing, mining, construction	19%	22%	
Personal income per capita, 2000	$27,658	$29,451	26	transportation, communication, utilities	11%	8%	
				wholesale and retail trade	17%	16%	
Federal spending				finance, insurance, real estate	16%	19%	
Total expenditures, 2000 (millions)	$9,611	$1,615,468	39	services	19%	21%	
R&D obligations, 1999 (millions)	$94	$73,718	46	government	14%	12%	

NOTE: Rankings and totals are based on data for the 50 States, District of Columbia, and Puerto Rico. Reliability of the estimates of industry R&D and of doctoral scientists and engineers varies by State, because the sample allocation was not based on geography. The rankings do not take into account the margin of error of estimates from sample surveys.

[1]Data on graduate students, doctoral scientists and engineers, and postdoctorates include all graduate degree (except M.D.) candidates and recipients in S&E fields, including health fields. Data on S&E doctorates awarded do not include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1999

Agency	Total	Performer: Federal Intramural	Performer: All FFRDCs	Performer: Industrial firms	Performer: Universities & colleges	Performer: Other nonprofits	Performer: State & local government	State rank, total
	[In thousands of dollars]							
Total, all agencies	94,089	28,769	0	2,807	55,713	5,210	1,590	46
Department of Agriculture	29,750	21,128	0	0	8,622	0	0	18
Department of Commerce	650	114	0	0	12	524	0	40
Department of Defense	5,130	263	0	1,883	2,984	0	0	47
Department of Energy	939	0	0	0	939	0	0	48
Dept. of Health & Human Services	34,480	12	0	384	29,254	4,536	294	42
Department of the Interior	7,556	7,252	0	0	81	120	103	31
Department of Transportation	1,238	0	0	45	0	0	1,193	45
Environmental Protection Agency	300	0	0	0	270	30	0	46
National Aeronautics and Space Admin	2,148	0	0	77	2,071	0	0	46
National Science Foundation	11,898	0	0	418	11,480	0	0	43
State rank, total	46	41	na	49	39	33	46	na

NOTE: Federal R&D obligations are as reported by funding agencies. Ranks and totals are based on data for the 50 States, District of Columbia, and Puerto Rico.

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; na = not applicable.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources -- see the section, "Data Sources for Science and Engineering (S&E) State Profiles".